



021176

FIG. 1.

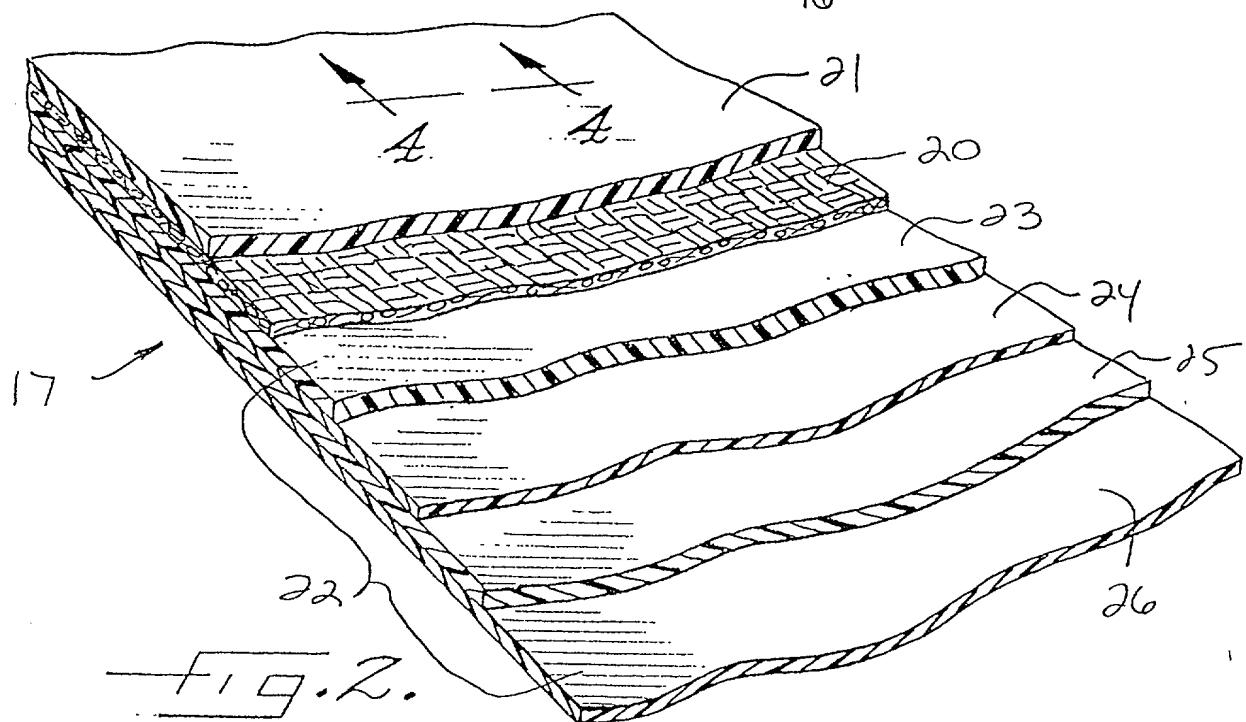
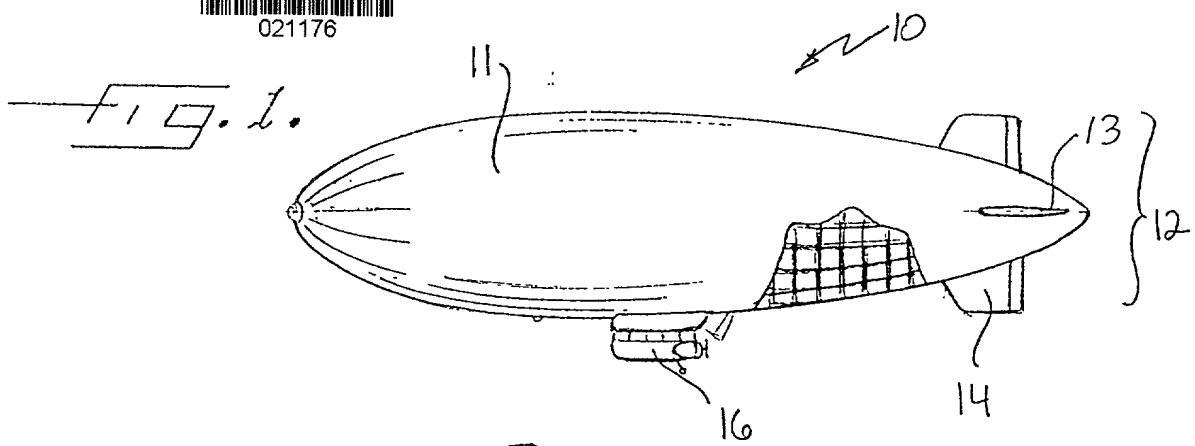


FIG. 2.

20 →

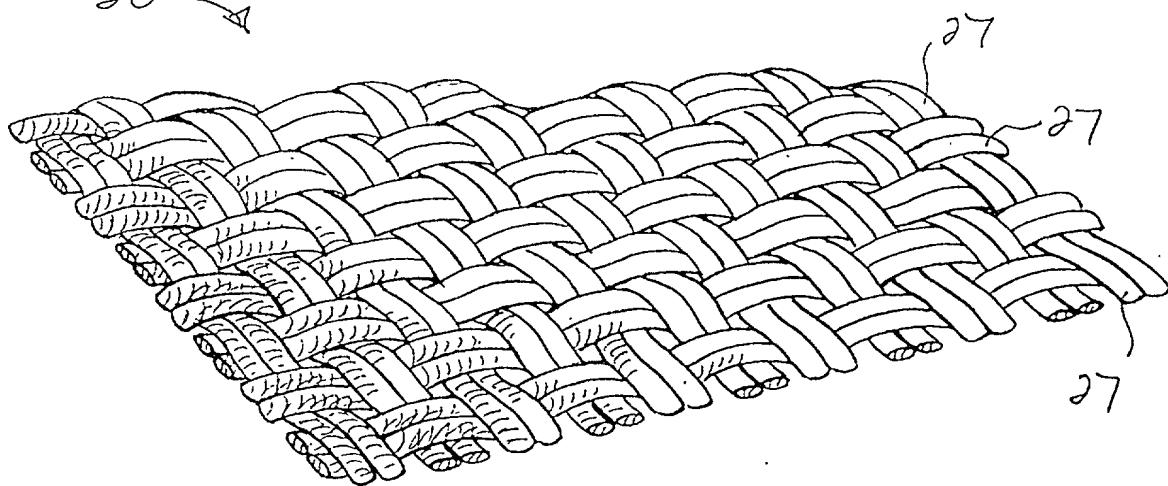


FIG. 3.



021176

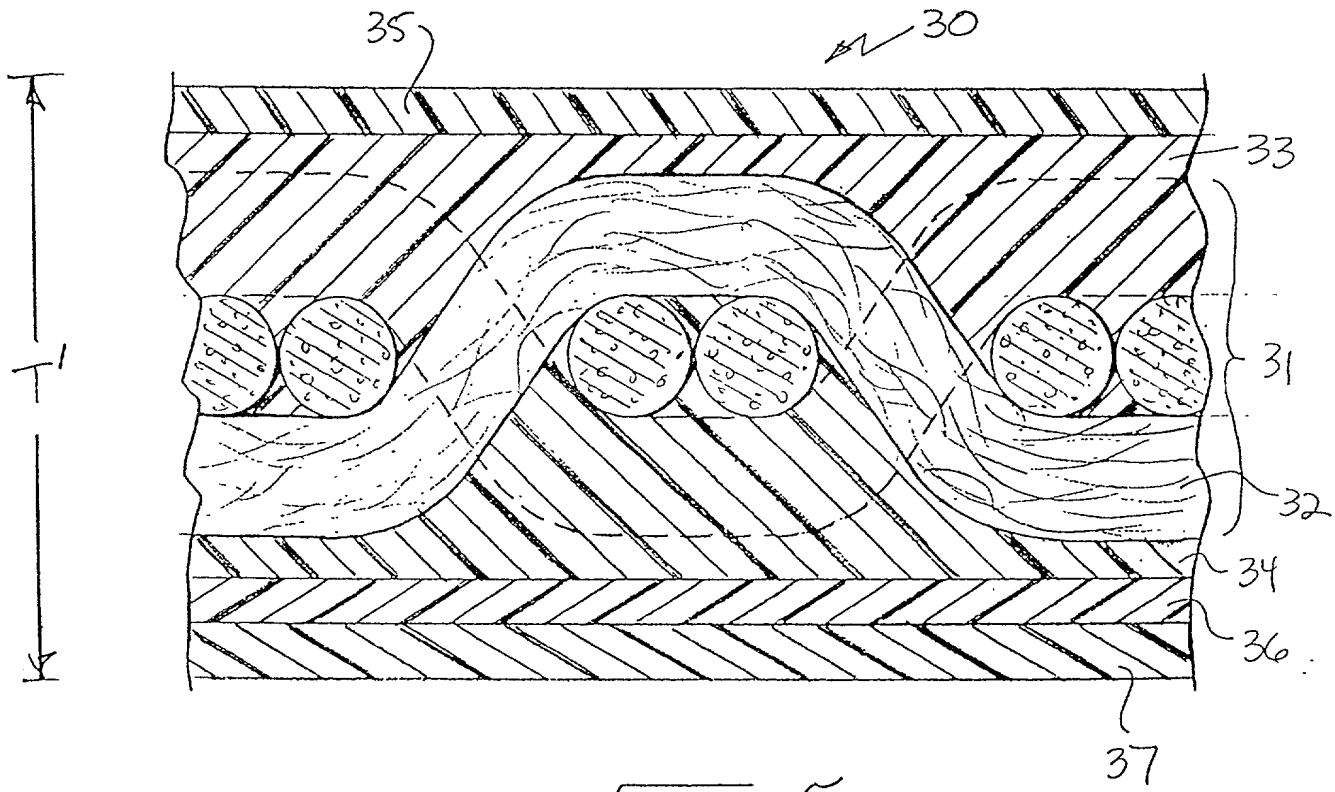
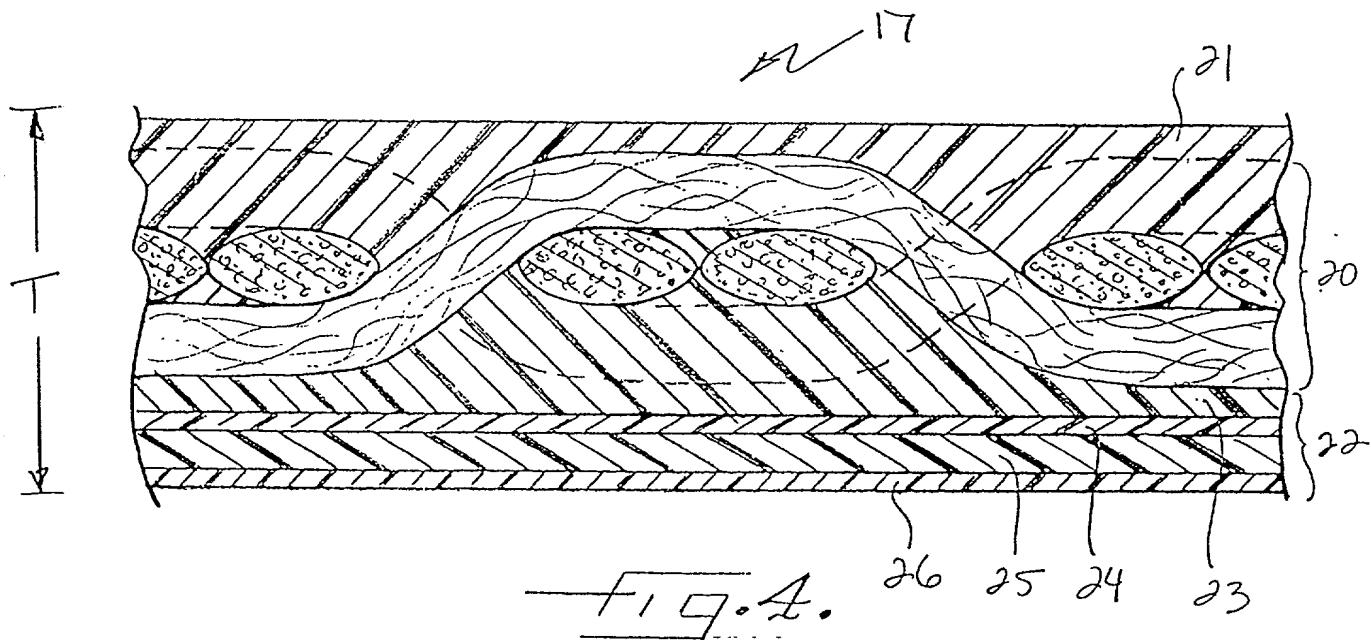
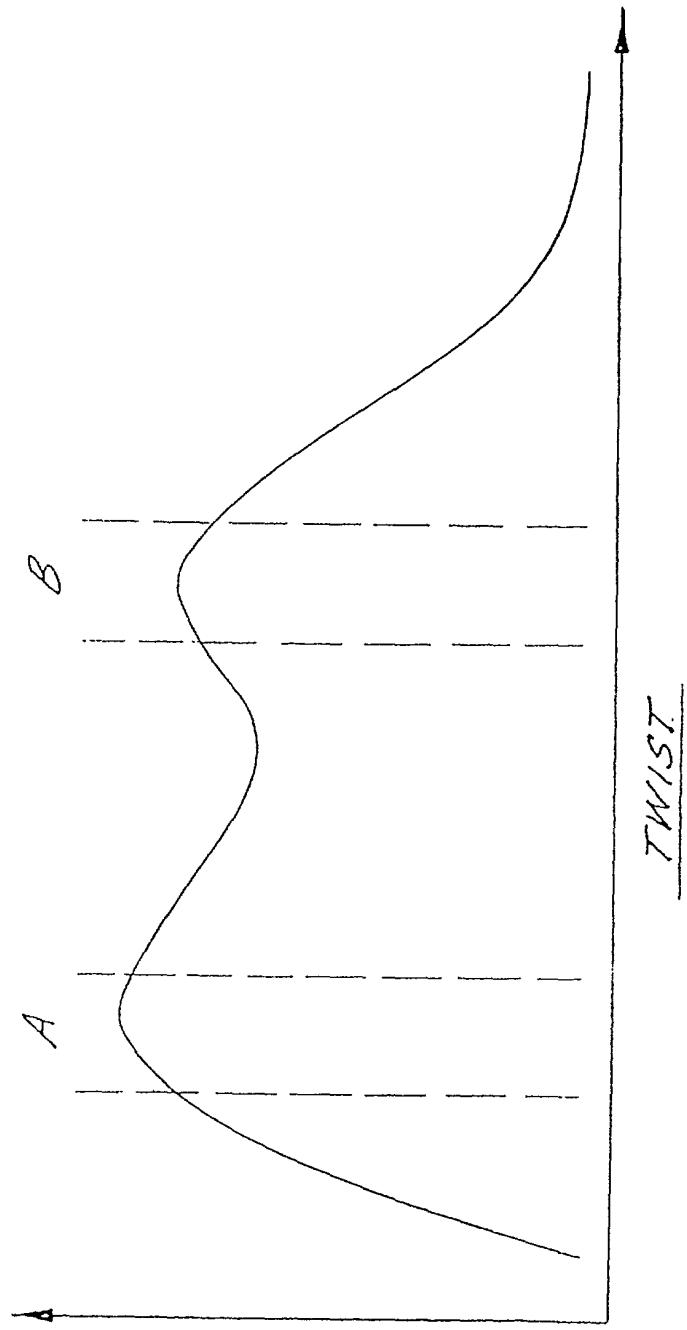


FIG. 5.
(PRIOR ART)



021176



FLEX
FATIGUE

TWIST

FATIGUE



021176

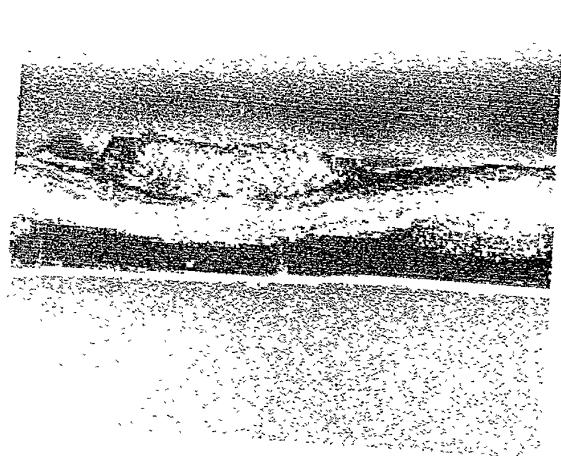


Fig. 7



Fig. 8



021176

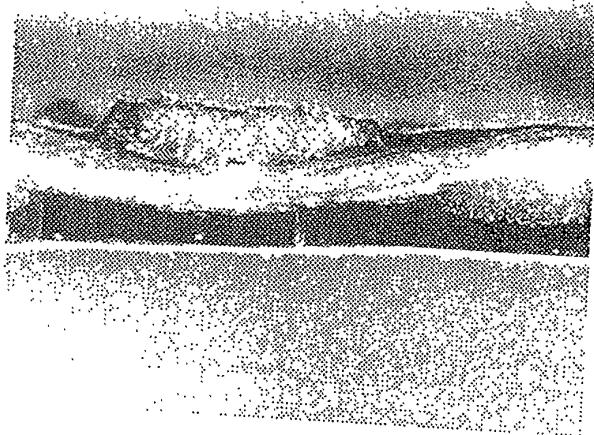


Fig. 7

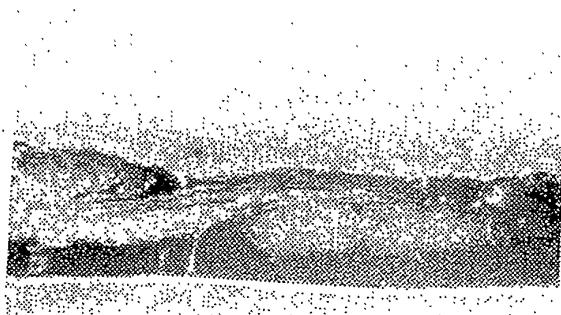


Fig. 8